

CPC**COOPERATIVE PATENT CLASSIFICATION****B31D**

MAKING OTHER PAPER ARTICLES (manufacture by dry processes of articles made from particles or fibres consisting of wood or other lignocellulosic material B27N; making layered products not composed wholly of paper or cardboard B32B; making cardboard or paper D21F, D21H; making articles from wood pulp D21J)

NOTE

This subclass covers the making, otherwise than by winding, of articles other than boxes, cartons, envelopes, bags, and tubes from paper, other than from paper pulp.

B31D 1/00

Multiple-step processes for making flat articles; {Making flat articles}

B31D 1/0006

. { the articles being coffee filters}

B31D 1/0012

. {the articles being mounting corners for photographs or cards}

B31D 1/0018

. { the articles being pull-tab closure discs for bottles, jars or like containers}

B31D 1/0025

. {Making articles having embedded wires ([B31D 1/024](#) takes precedence)}

B31D 1/0031

. {the articles being paper nettings, e.g. by slitting and expanding webs or sheets}

B31D 1/0037

. {the articles being toilet seat covers ([toilet seat covers per se A47K 13/14](#))}

B31D 1/0043

. {the articles being box parts not otherwise provided for}

B31D 1/005

.. { making bottoms or caps}

B31D 1/0056

. {the articles being package fasteners, e.g. tubular bands}

B31D 1/0062

. {the articles being adhesive strips or tape}

B31D 1/0068

. {the articles being saucer or beerglass pads, liners for closing caps or similar articles}

B31D 1/0075

. {by assembling, e.g. by laminating ([B31D 1/0012](#) to [B31D 1/0068](#) take precedence)}

B31D 1/0081

.. {by attaching individual objects to webs or sheets}

B31D 1/0087

... {the webs or sheets being provided with apertures for the objects e.g. with means for making the apertures}

B31D 1/0093

. {involving impregnating}

B31D 1/02

. the articles being labels or tags ([means and processes for attaching threads D05](#))

NOTE

Attaching threads to labels or tags is classified in group [B31D 1/02](#), e.g.

B31D 1/023

- B31D 1/021 .. { Making adhesive labels having a multilayered structure, e.g. provided on carrier webs}
- B31D 1/022 .. {Label folding}
- B31D 1/023 .. {Attaching wires or threads}
- B31D 1/024 ... {to labels or tags composed of two layers, the wire or thread being embedded between them}
- B31D 1/025 .. {Applying patches, washers or reinforcements}
- B31D 1/026 .. {Cutting or perforating (**B31D 1/02B1**, [B31D 1/022](#) take precedence)}
- B31D 1/027 .. {involving, marking, printing or coding}
- B31D 1/028 .. { Applying RFID chips}

- B31D 1/04 . the articles being napkins, handkerchiefs, towels, doilies, or the like

- B31D 1/06 . the articles being handles
- B31D 1/065 .. {the articles being parcel carriers}

B31D 3/00**Making articles of cellular structure, e.g. insulating board**

- B31D 3/002 . {Methods for making cellular structures; Cellular structures ([B31D 3/005](#) takes precedence)}

- B31D 3/005 . {Making cellular structures from corrugated webs or sheets}
- B31D 3/007 .. {by cutting corrugated webs longitudinally into strips, piling these strips and uniting them}

- B31D 3/02 . Honeycombed structures {i.e. the cells having an essentially hexagonal section}
- B31D 3/0207 .. {of particular shape or construction}
- B31D 3/0215 ... {for window coverings}
- B31D 3/0223 .. {Making honeycomb cores, e.g. by piling a plurality of web sections or sheets}
- B31D 3/023 ... {by cutting webs longitudinally into strips, piling these strips and uniting them along lines perpendicular to the cuts}
- B31D 3/0238 {involving laminating the expanded core}
- B31D 3/0246 ... {Plane webs having essentially longitudinal adhesive strips being folded transversely into stacks or being cut transversely into sections which are piled, e.g. zigzag-folding the webs preceding the cutting}
- B31D 3/0253 {involving laminating the expanded core}
- B31D 3/0261 {by applying longitudinal adhesive strips to the web and zig-zag folding the strips transversely}
- B31D 3/0269 ... {Forming piles by winding a web on a reel ([B31D 3/0215](#) takes precedence)}
- B31D 3/0276 ... {Plane webs having essentially transverse adhesive strips being folded transversely into stacks or being cut transversely into sections which are piled}
- B31D 3/0284 .. {Laminating honeycomb cores; applying cover sheets to core edges; working core edges}

- B31D 3/0292 . . {involving auxiliary operations, e.g. expanding, moistening, glue-applying, joining, controlling}
- B31D 3/04 . cellular packaging articles, e.g. for bottles {(making box position inserts [B31B 11/00](#))}
- B31D 5/00** **Multiple-step processes for making three-dimensional articles;** { Making three-dimensional articles}(assembly { or manufacture} of garlands [A41G 1/04](#); making receptacles or containers B31B; making tubes B31B, B31C)
- NOTE**
- Making drinking straws is classified in group [B31D 5/00](#), e.g. [B31D 5/00J](#)
- B31D 5/0004 . { for making inserts, e.g. partitions, for boxes}
- B31D 5/0008 . . { the inserts having recesses for holding ampoules}
- B31D 5/0013 . . { the inserts having interengaged slotted panels}
- B31D 5/0017 . . . { involving folding one of the panels into an U-shape}
- B31D 5/0021 . . { the inserts having the form of a tray}
- B31D 5/0026 . . { involving collapsing or stacking the inserts}
- B31D 5/003 . . { the inserts being egg carton fillers}
- B31D 5/0034 . { for making valve inserts for bags}
- B31D 5/0039 . { for making dunnage or cushion pads}
- B31D 5/0043 . . { including crumpling flat material}
- B31D 5/0047 . . . { involving toothed wheels}
- B31D 5/0052 . . . { involving rollers}
- B31D 5/0056 . . . { involving belts}
- B31D 5/006 . . { including controlled deformation of flat material, e.g. pleating, corrugating or embossing (including crumpling flat material [B31D 5/0043](#))}
- B31D 5/0065 . . { including slitting and expanding flat material}
- B31D 5/0069 . . { including forming or transforming three-dimensional material, e.g. corrugated webs or material of cellular structure (making articles of cellular structure [B31D 3/00](#), corrugating paper or cardboard [B31F 1/20](#))}
- B31D 5/0073 . . { including pillow forming}
- B31D 5/0078 . . . { and filling with a material other than air or gas}
- B31D 5/0082 . {Making filter elements, e.g. pleated}
- B31D 5/0086 . {Making hollow objects ([B31D 5/0082](#), [B31D 5/0095](#), [B31D 5/02](#), [B31D 5/04](#) take precedence)}
- B31D 5/0091 . {Making paper sticks (involving winding [B31C](#))}
- B31D 5/0095 . {Making drinking straws}
- B31D 5/02 . including pressing

[B31D 5/04](#) . including folding or pleating, e.g. Chinese lanterns including folding or pleating, e.g. Chinese lanterns {[B31D 5/0039](#) takes precedence}

[B31D 99/00](#) Subject matter not provided for in other groups of this subclass

[B31D 2201/00](#) Multiple-step processes for making flat articles

[B31D 2201/02](#) . the articles being labels or tags

[B31D 2205/00](#) Multiple-step processes for making three-dimensional articles

[B31D 2205/0005](#) . for making dunnage or cushion pads

[B31D 2205/0011](#) .. including particular additional operations

[B31D 2205/0017](#) ... Providing stock material in a particular form

[B31D 2205/0023](#) as web from a roll

[B31D 2205/0029](#) unwound from inside

[B31D 2205/0035](#) as fan folded web

[B31D 2205/0041](#) as individual sheets from a pile

[B31D 2205/0047](#) ... Feeding, guiding or shaping the material

[B31D 2205/0052](#) ... Perforating; Forming lines of weakness

[B31D 2205/0058](#) ... Cutting; Individualising the final products

[B31D 2205/0064](#) ... Stabilizing the shape of the final product, e.g. by mechanical interlocking

[B31D 2205/007](#) ... Delivering

[B31D 2205/0076](#) .. involving particular machinery details

[B31D 2205/0082](#) ... General layout of the machinery or relative arrangement of its subunits

[B31D 2205/0088](#) ... Control means

[B31D 2205/0094](#) ... Safety devices